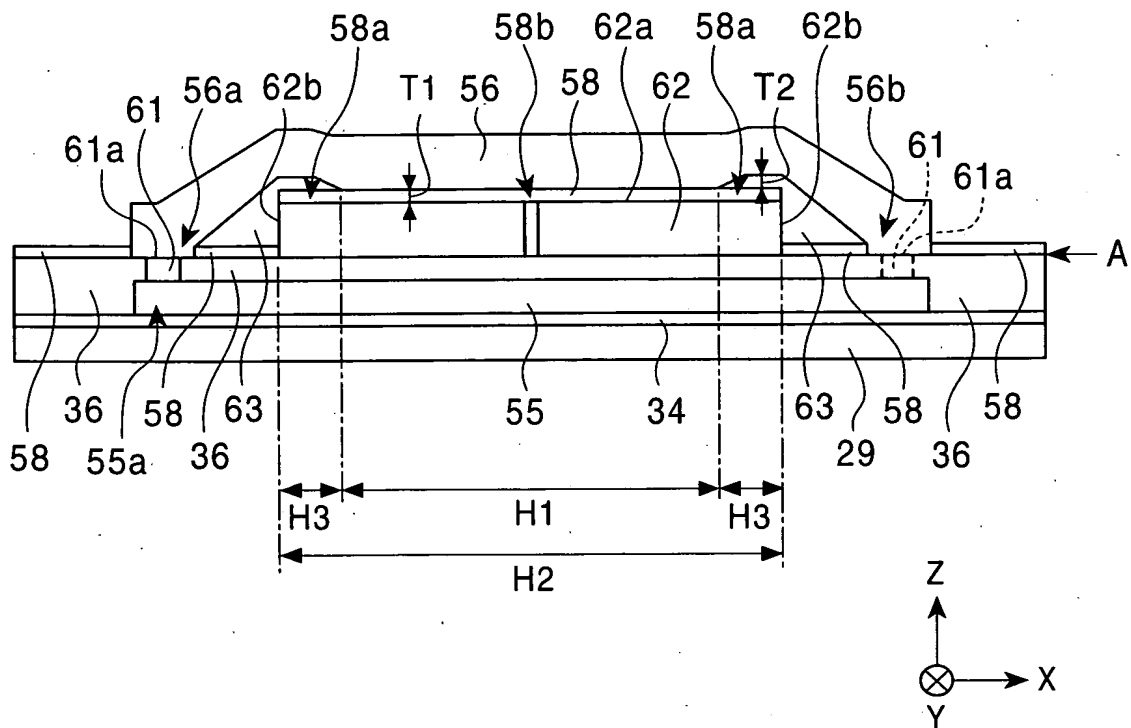


This diagram shows a cross-sectional view of a magnetic recording medium assembly. The assembly consists of a substrate 20 with a series of layers: 21, 22, 23, 24, 25, 26, 27, 28, 29, 31, 32, 33, 34, 36, 38, 39, 40, 41, 42, and 43. A surface facing recording medium is indicated on the left. A line A-A is drawn across the assembly. A coordinate system is shown at the bottom right with Z pointing up, Y pointing right, and X pointing out of the page.

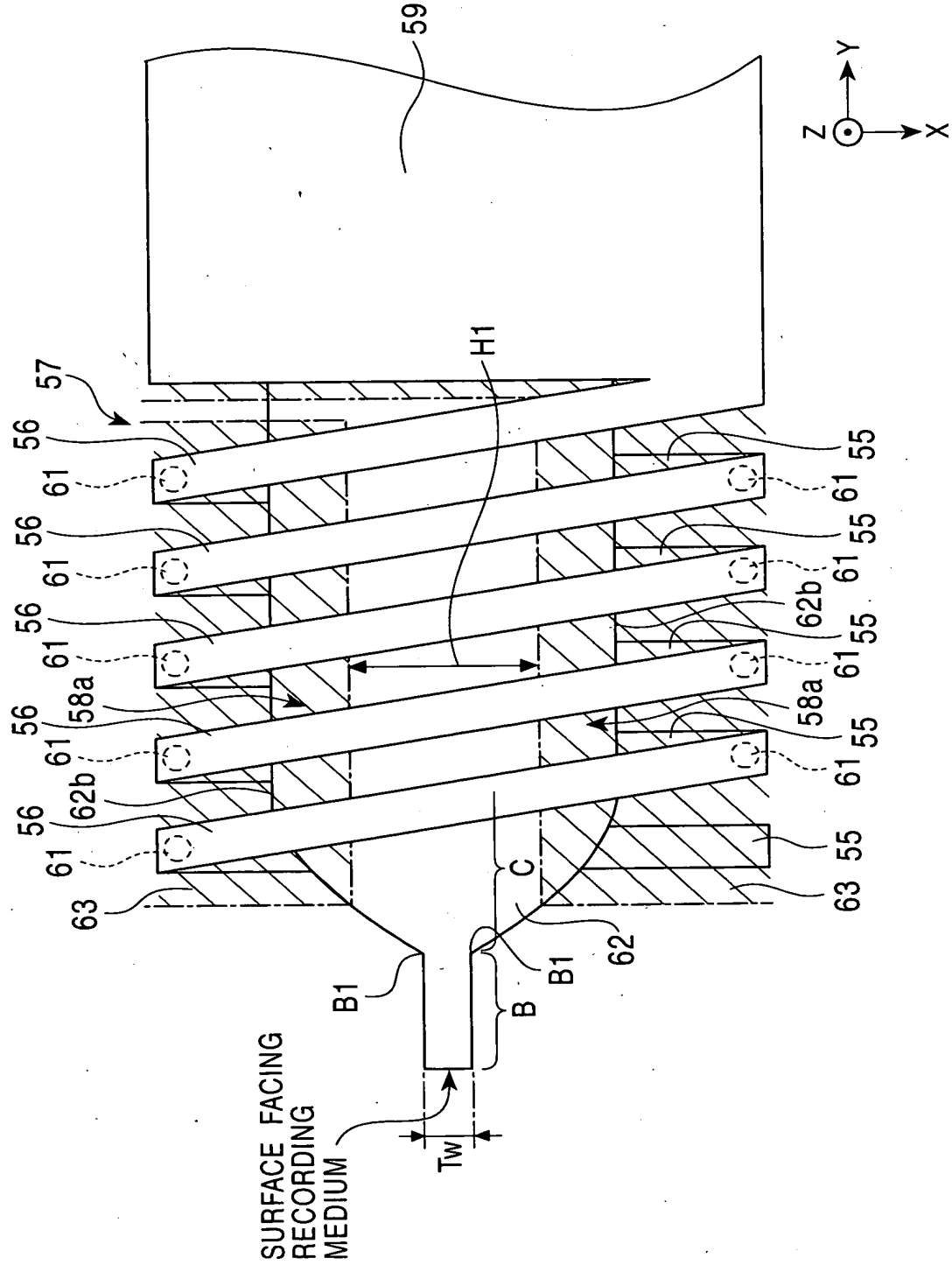
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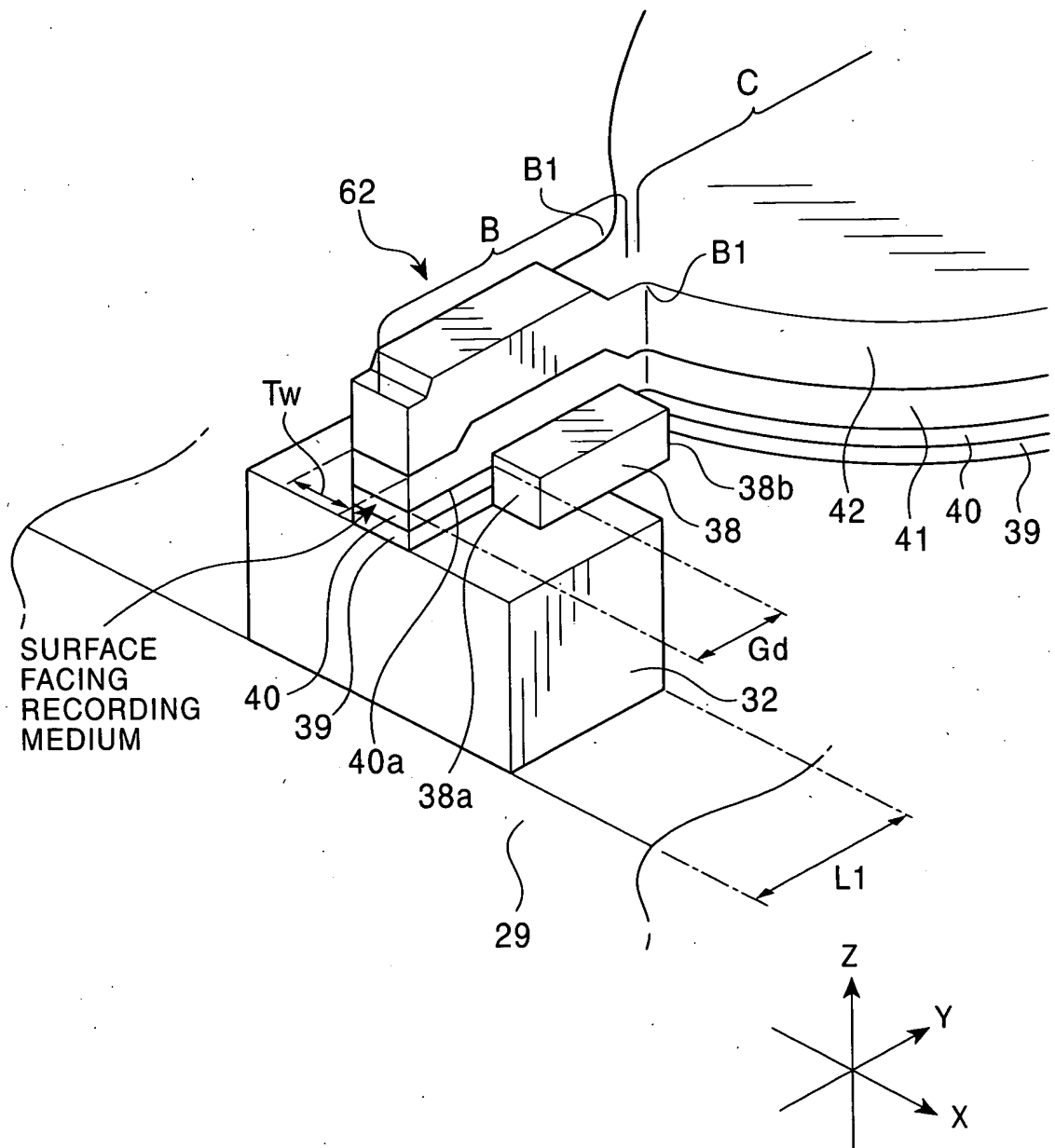
FIG. 2



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FIG. 3







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FIG. 6

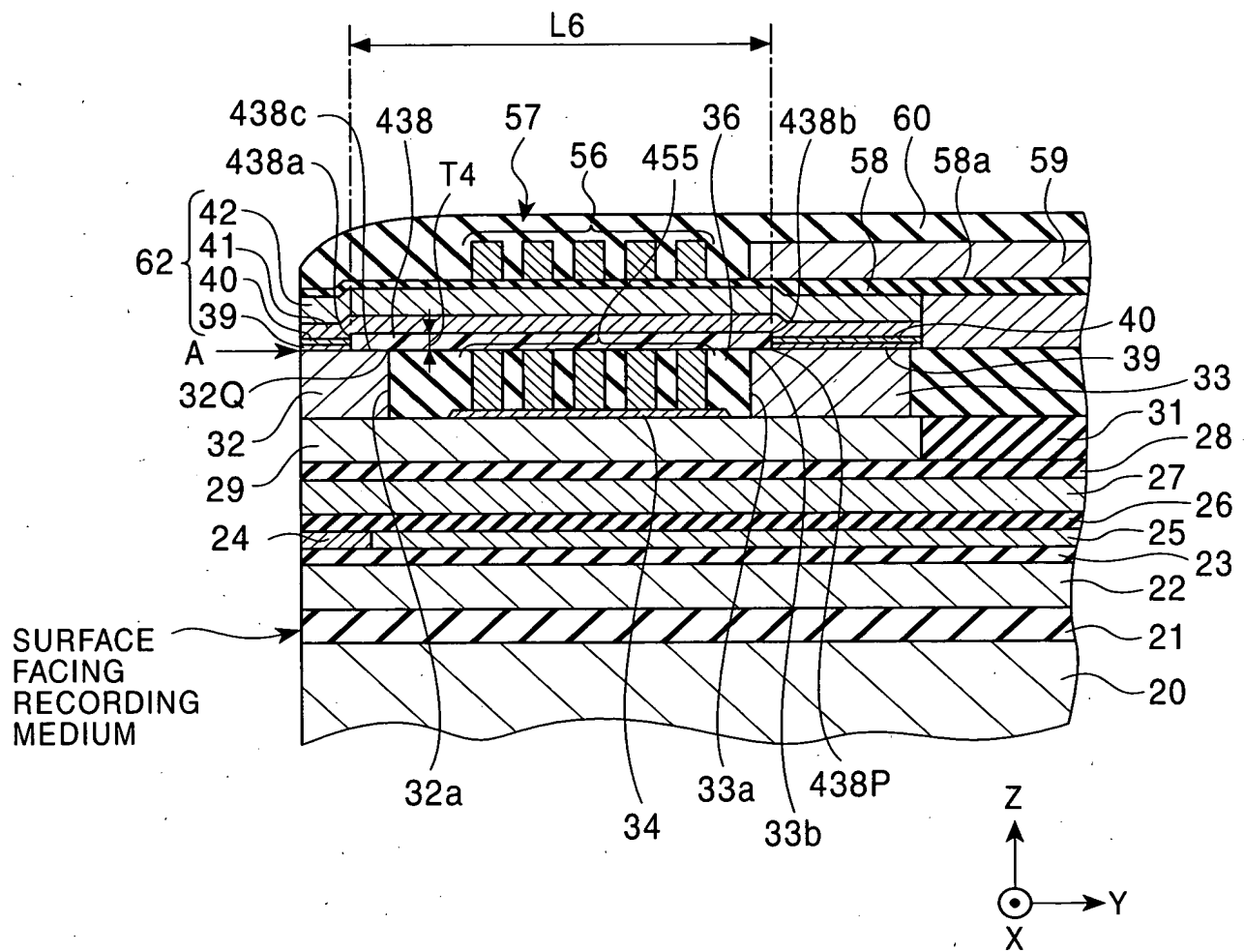


Fig. 1 is a cross-sectional view of a semiconductor device. The device is built on a substrate 29. A central channel 34 is formed in the substrate. The channel is flanked by regions 62b and 62a. Above the channel are layers 58, 56, and 58a. The device is terminated by regions 36 and 55a. A cross-section A-A is indicated. A coordinate system (X, Y, Z) is shown at the bottom right.

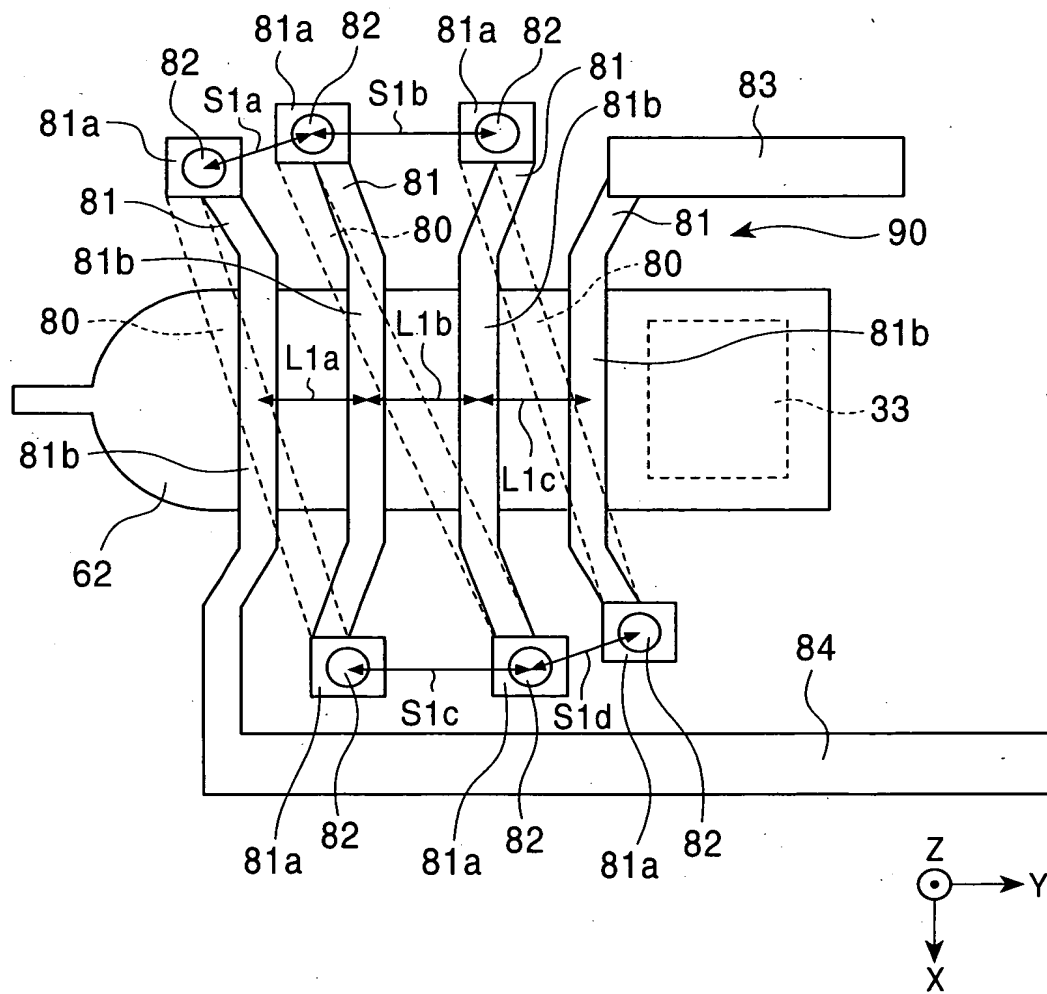
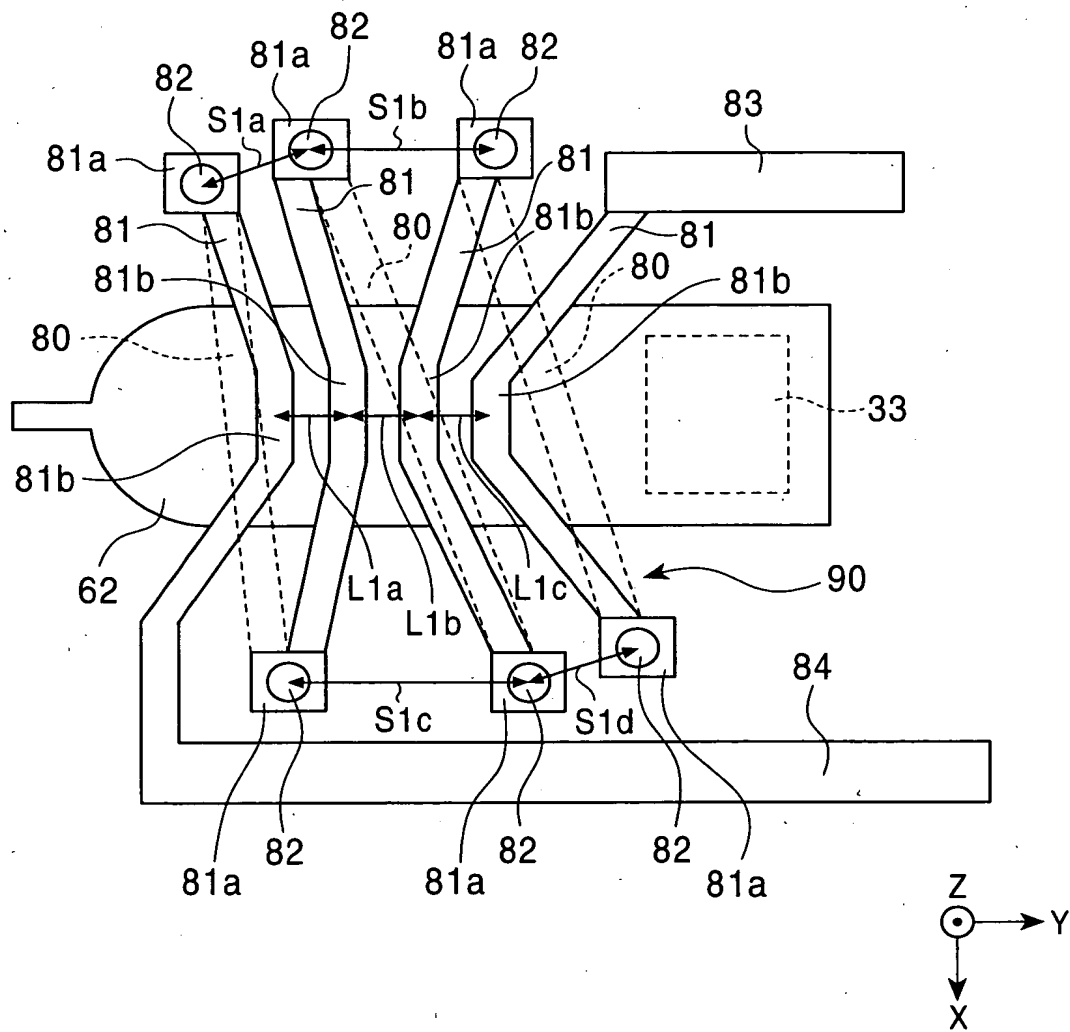


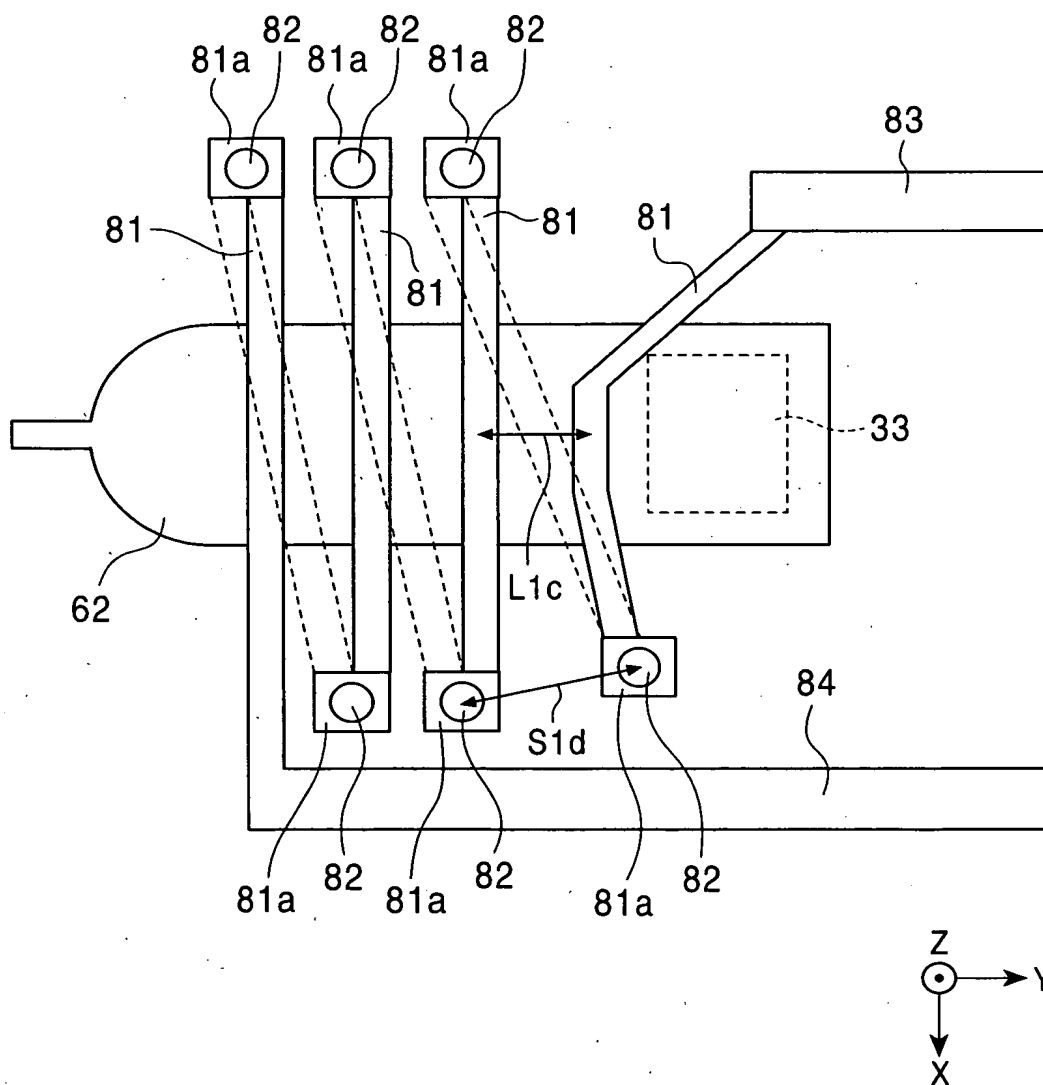


FIG. 9



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FIG. 10



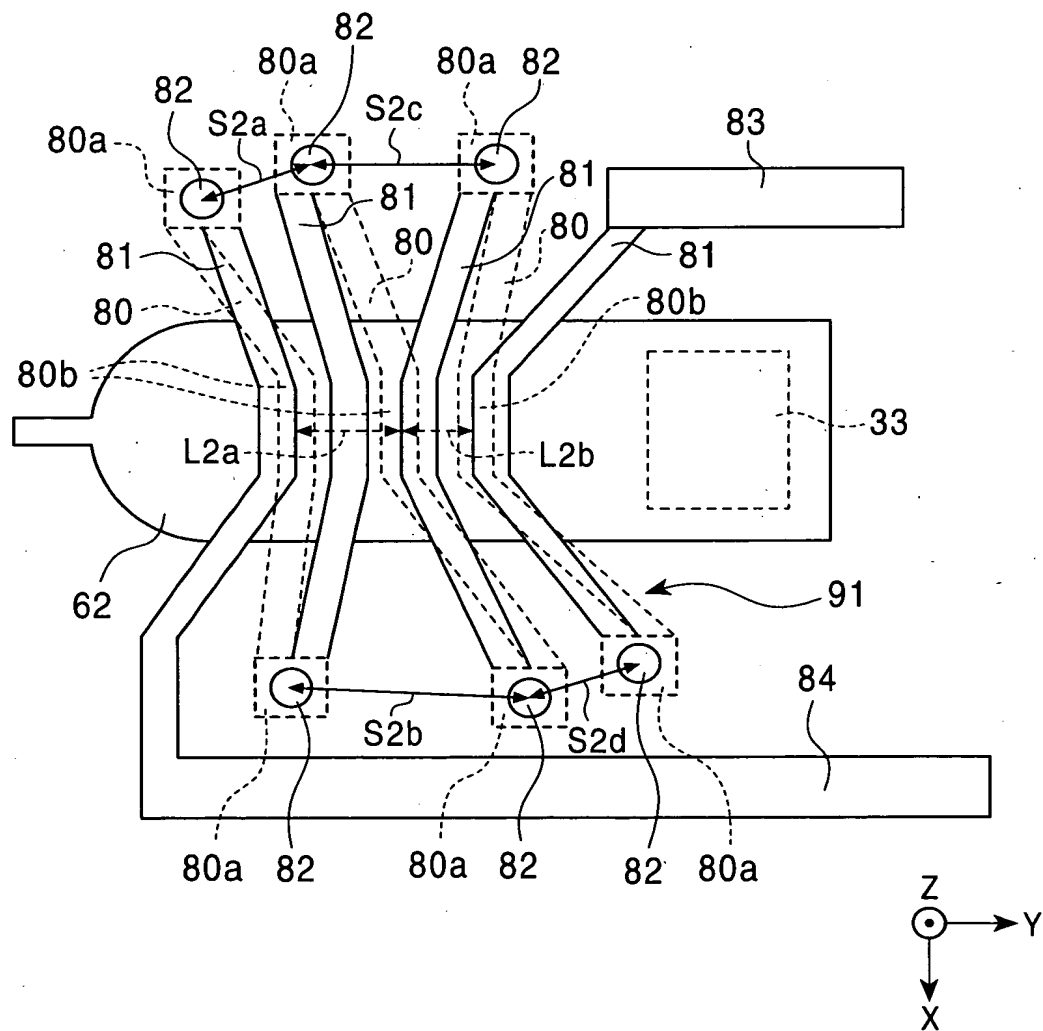
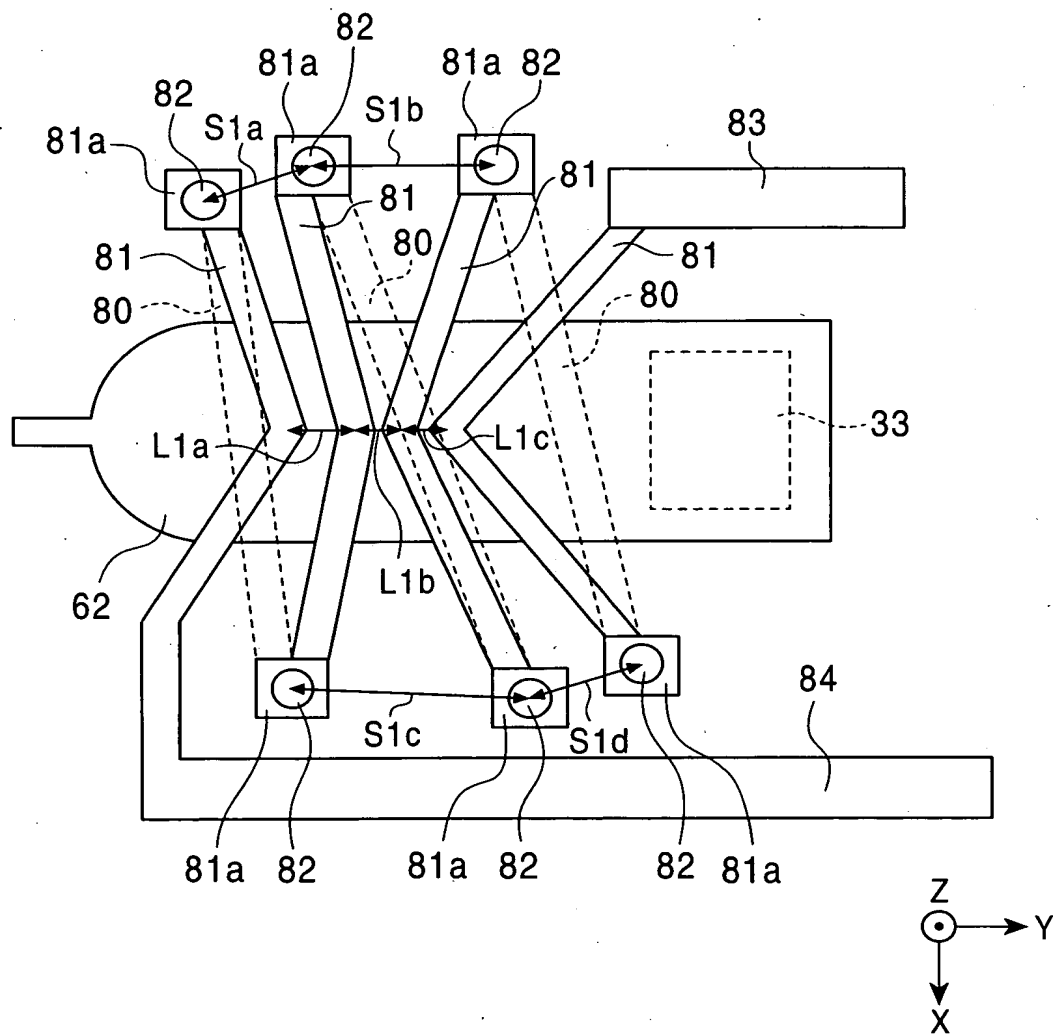
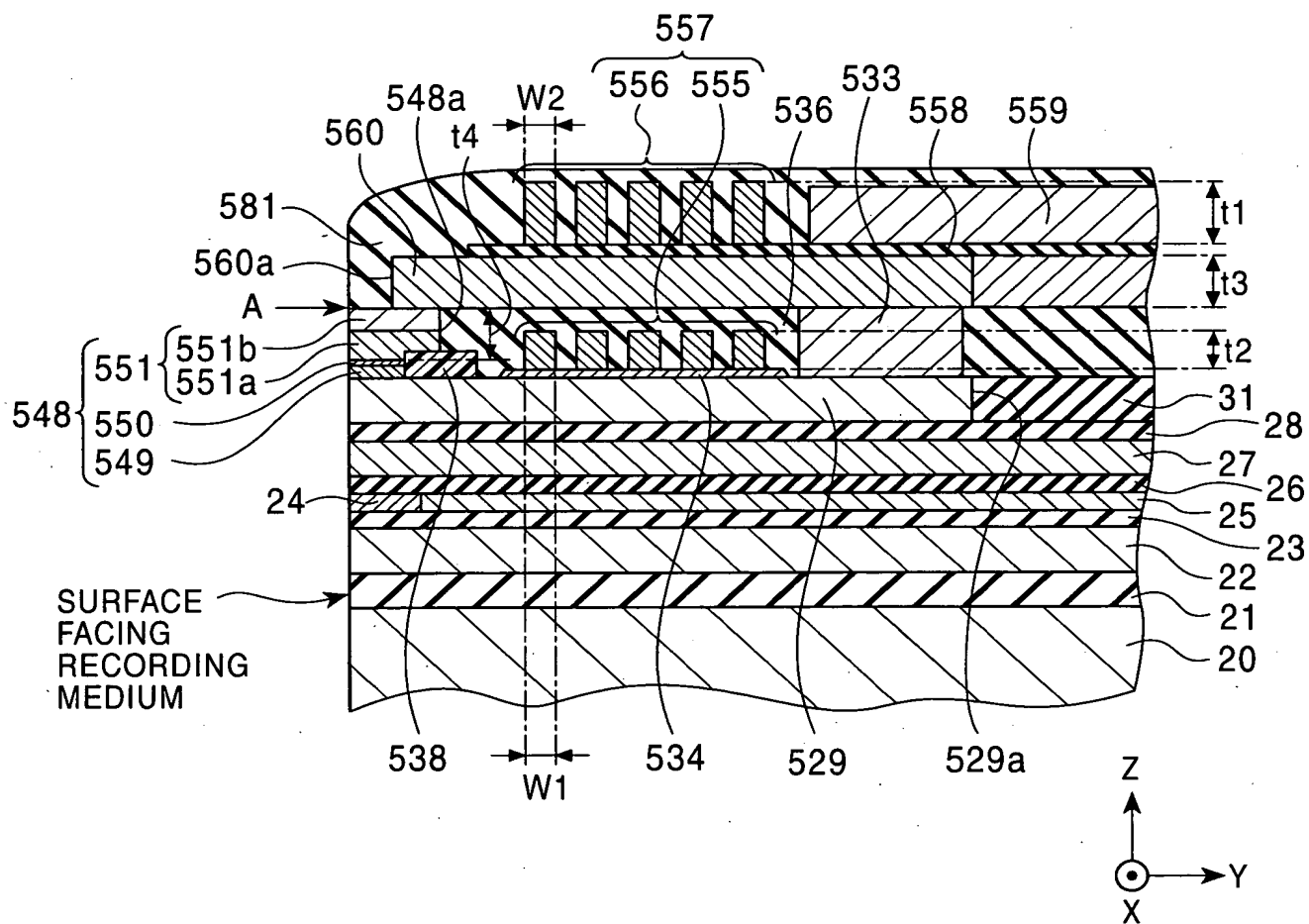


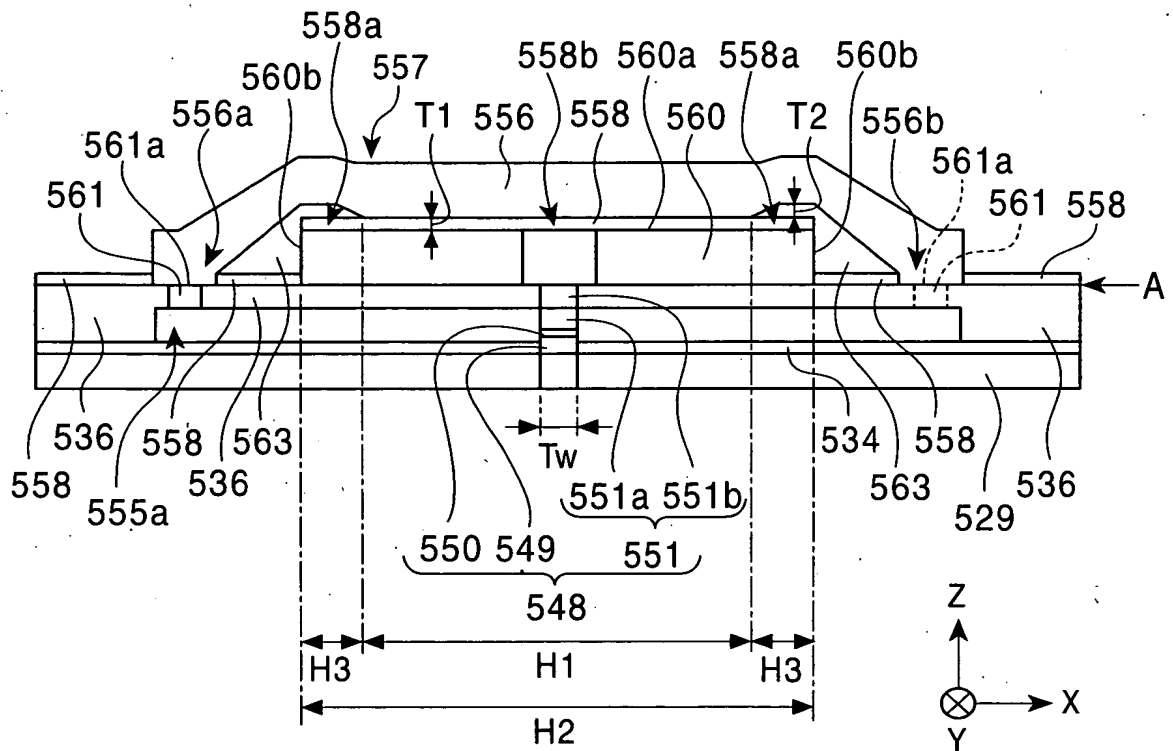
FIG. 12





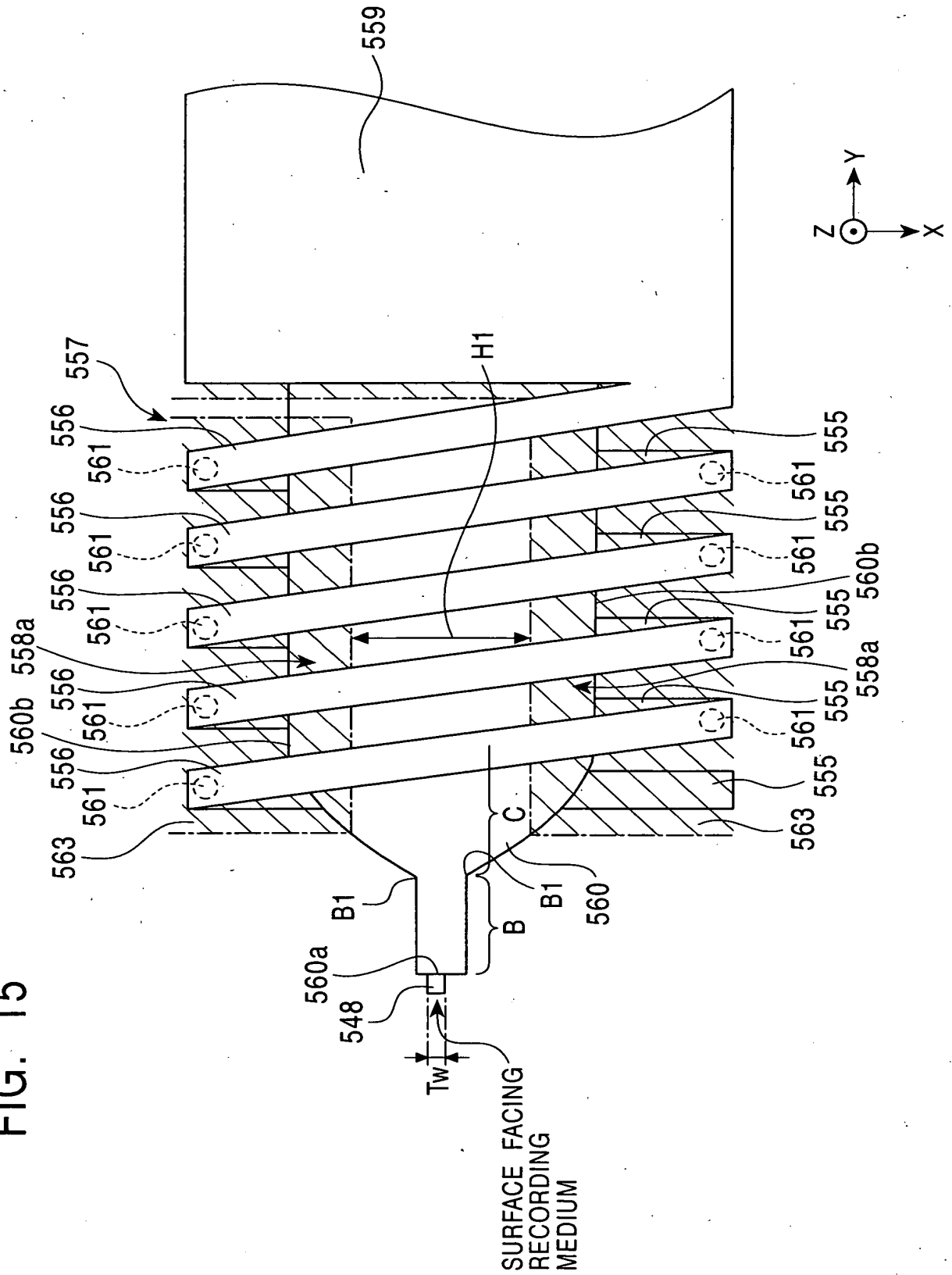
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FIG. 14



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FIG. 15



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FIG. 16  
PRIOR ART

